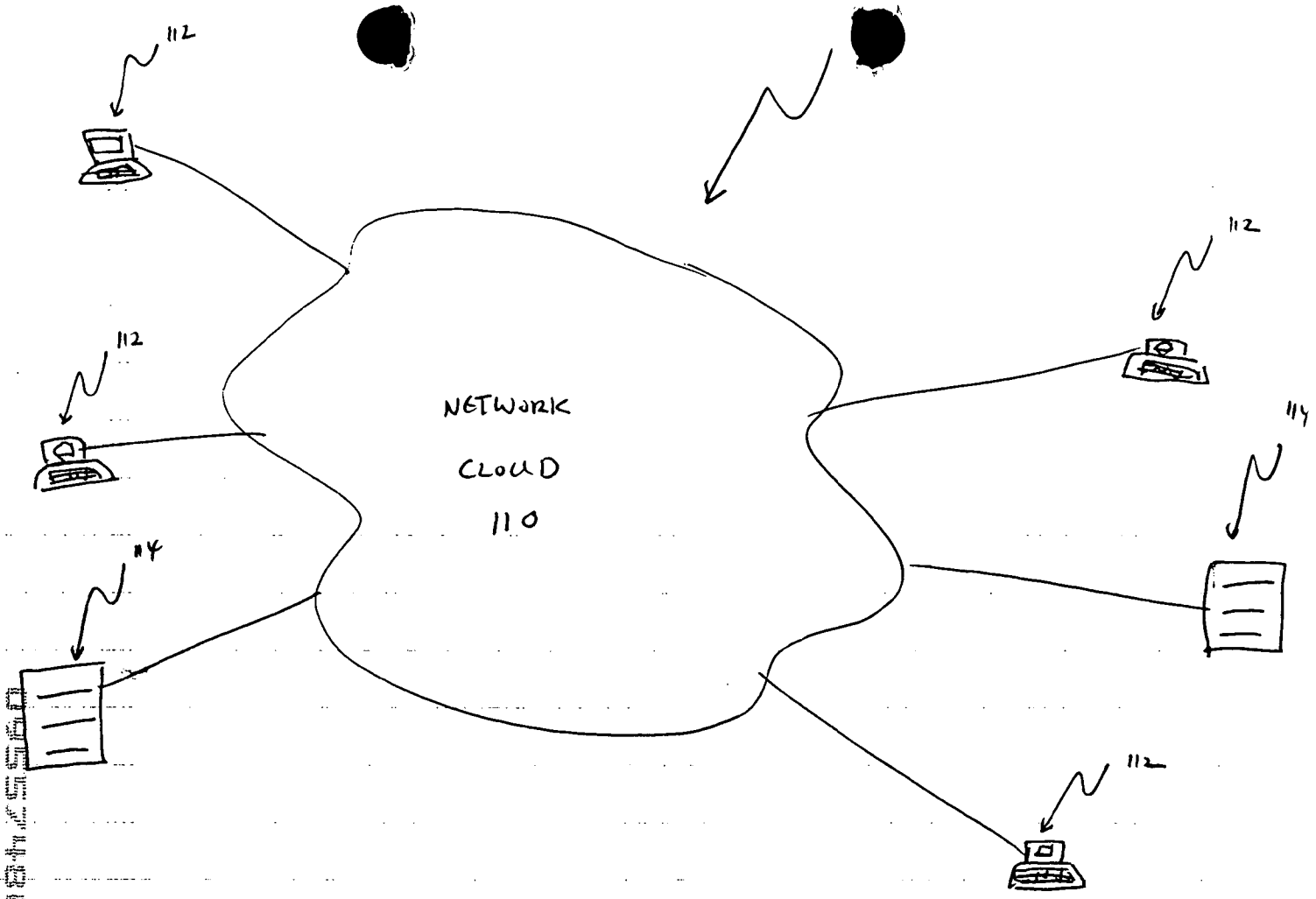

Fig. 1

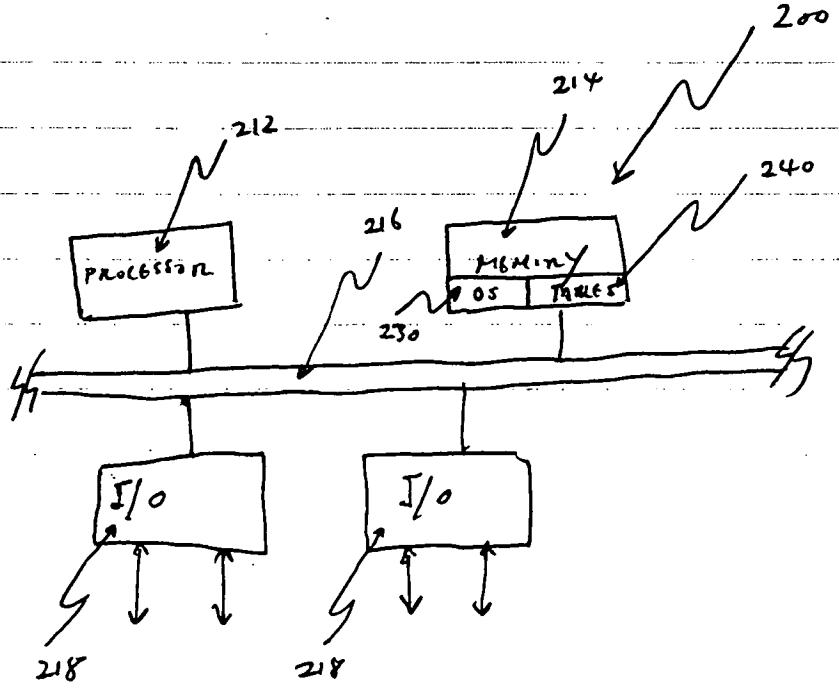

Fig 2

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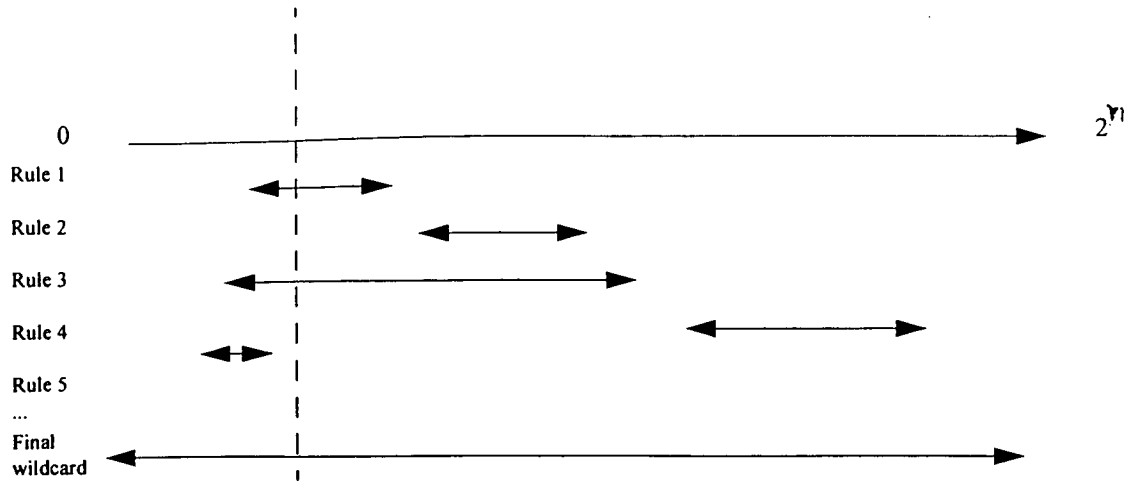

Fig. 3

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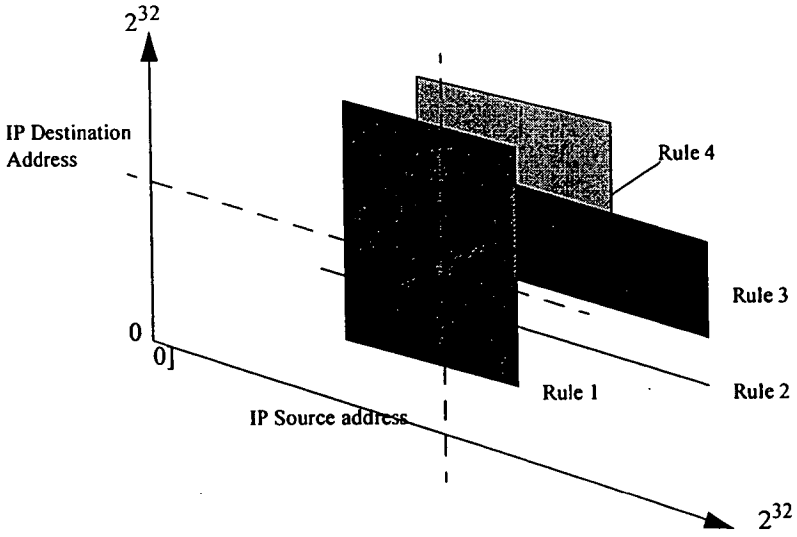

Fig. 4

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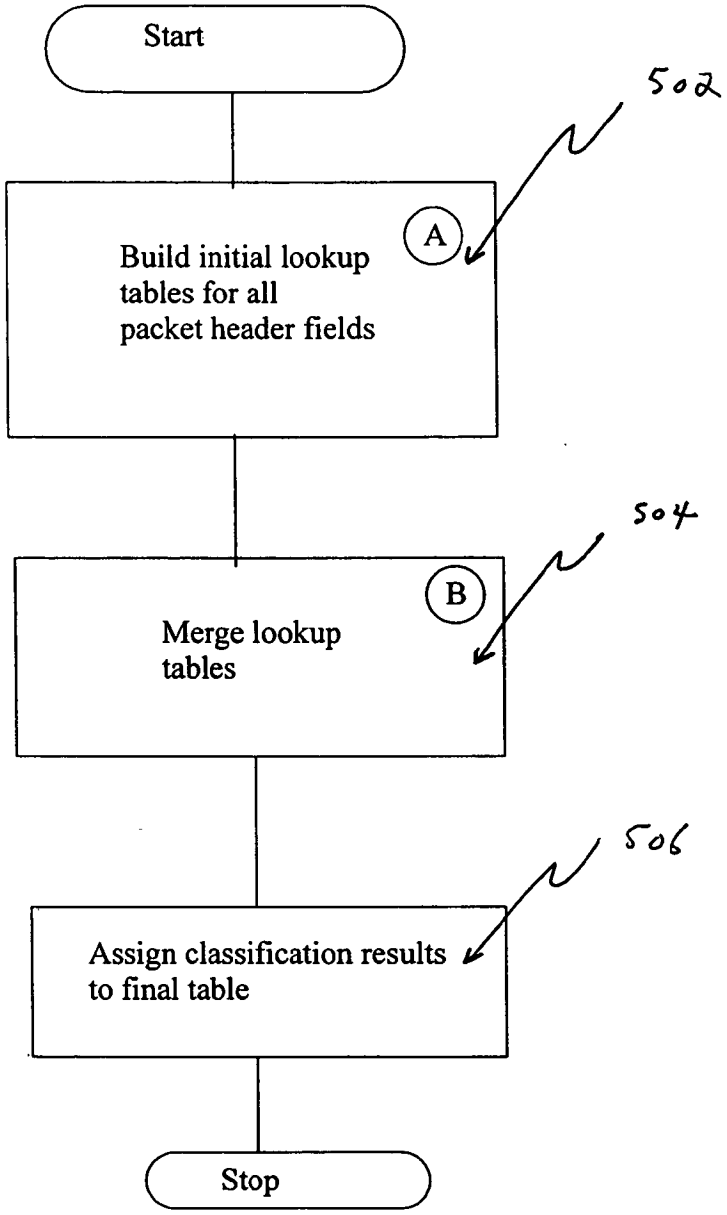

Fig. 5

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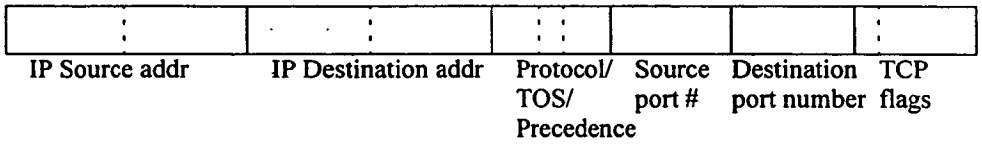

Fig. 6

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Create initial table for one packet field

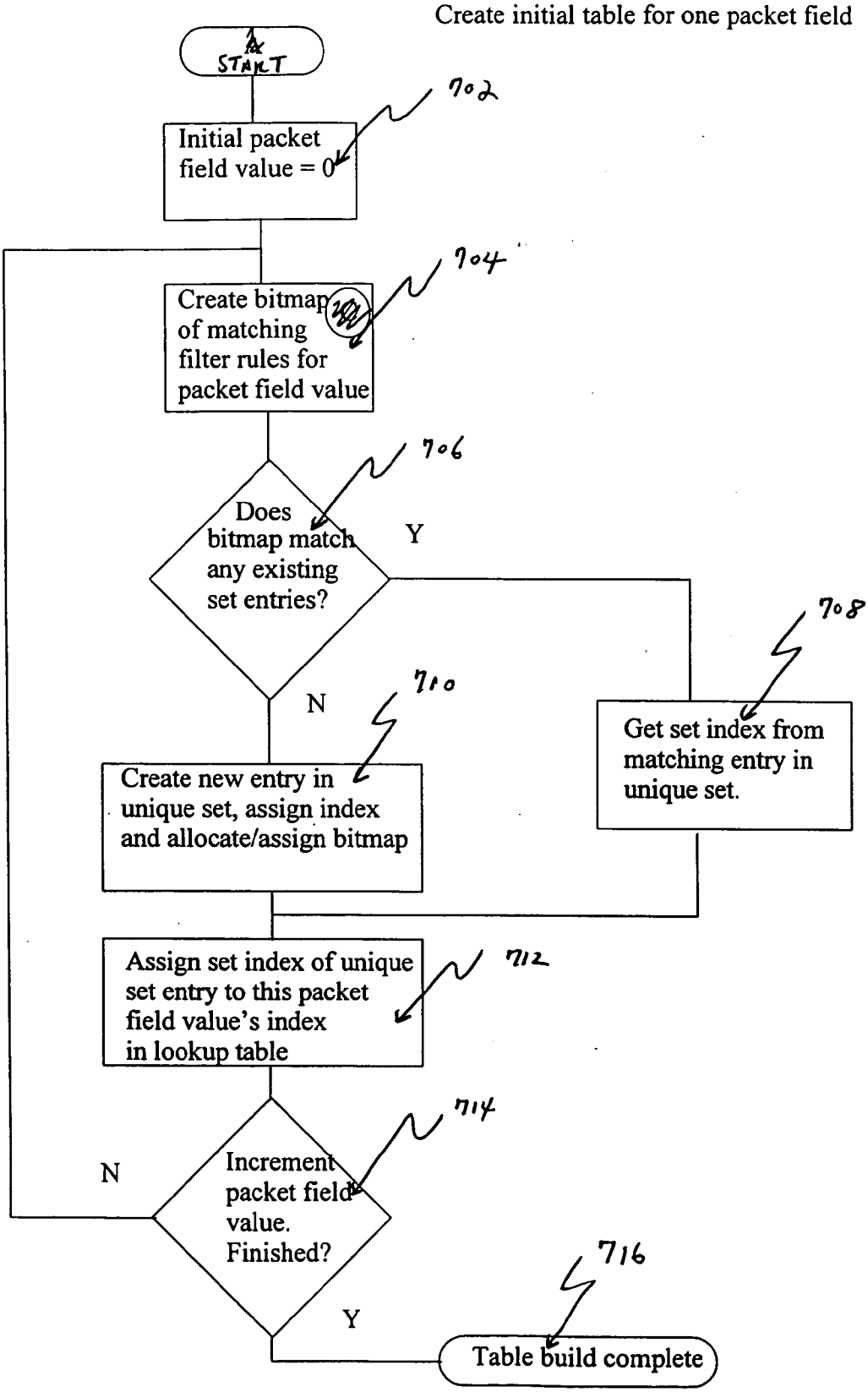

Fig. 7

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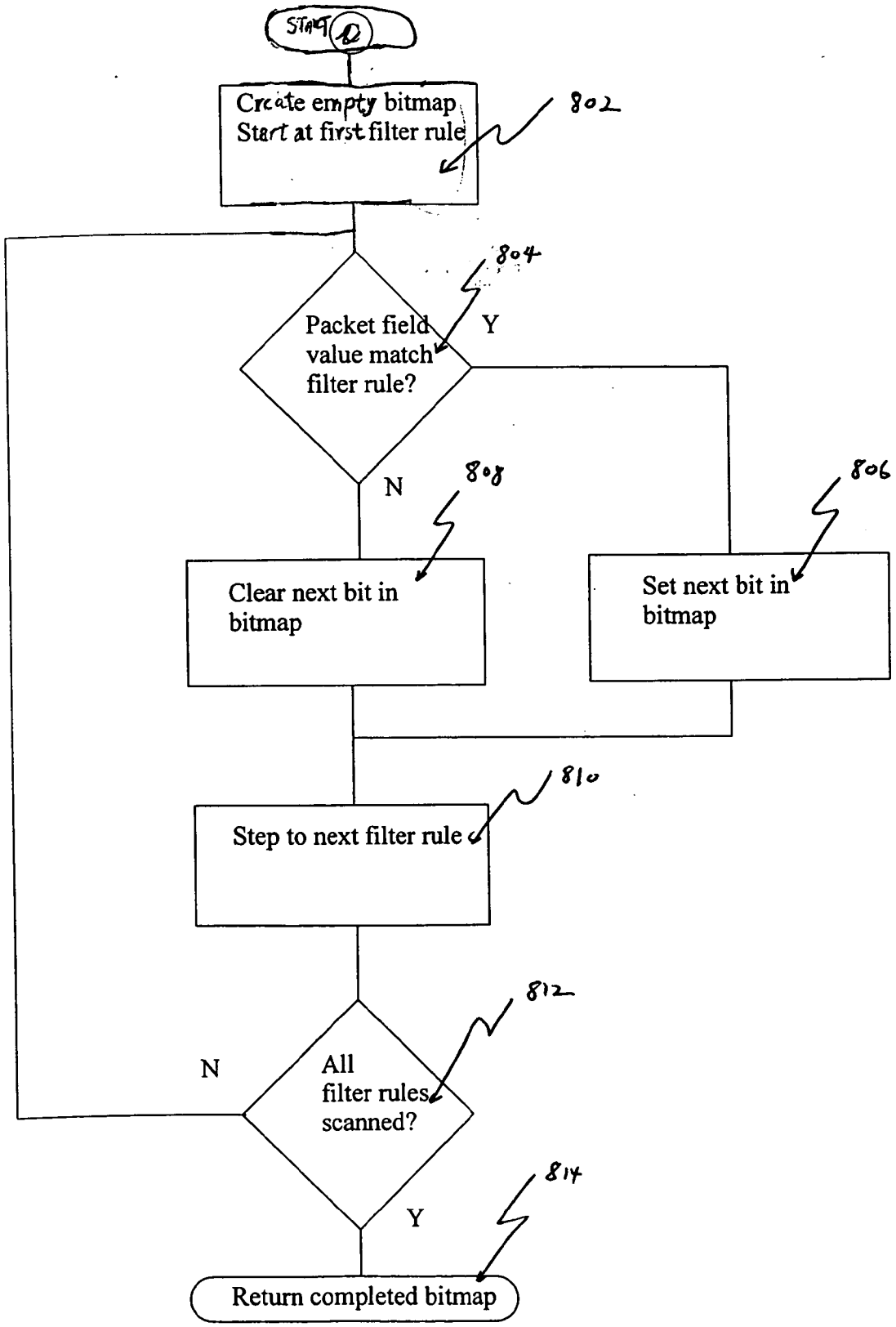

Fig. 8

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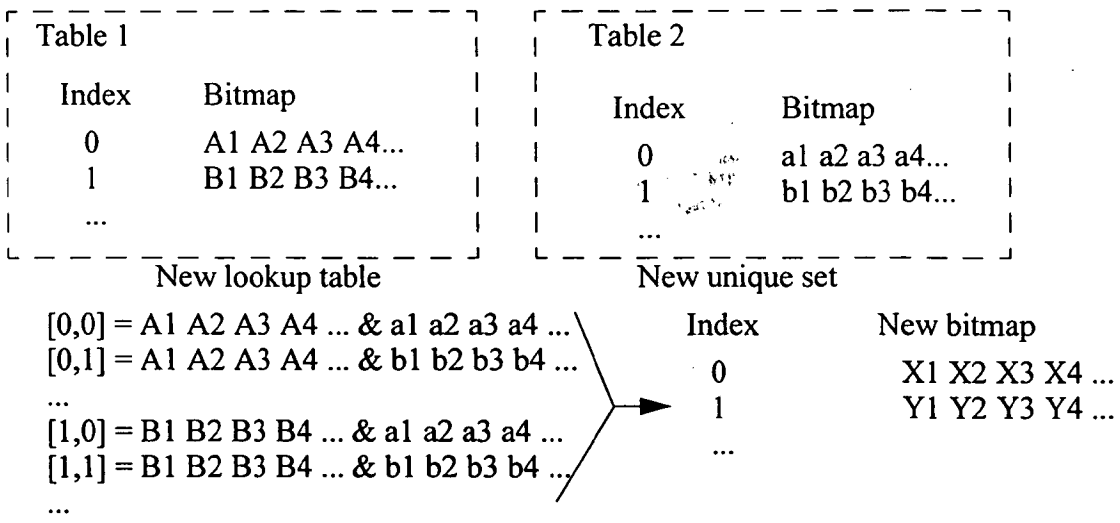

Fig. 9

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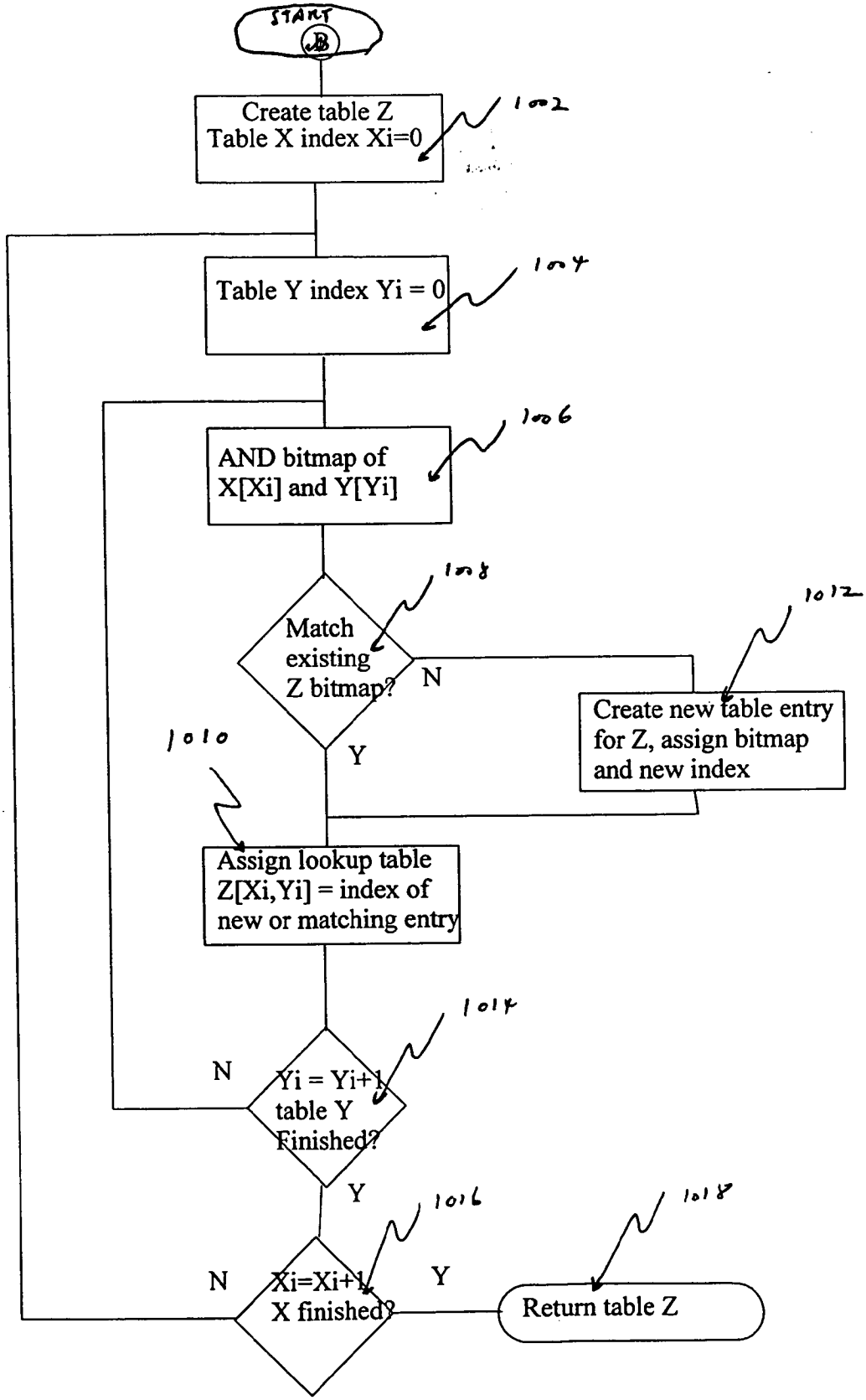

Fig. 10

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Upper 16 bits of IP source

Index	Bitmap
0	0 0 0 1 1
1	1 1 0 1 1
2	0 0 1 1 1

Lower 16 bits

Index	Bitmap
0	0 0 0 1 1
1	1 1 1 1 1

New lookup table

[0, 0]
[0,1]
[1,0]
[1,1]
[2,0]
[2,1]

New equivalence set

Index	Bitmap
0	0 0 0 1 1
1	1 1 0 1 1
2	0 0 1 1 1

Fig. 11

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0054340 * 03/04/2555

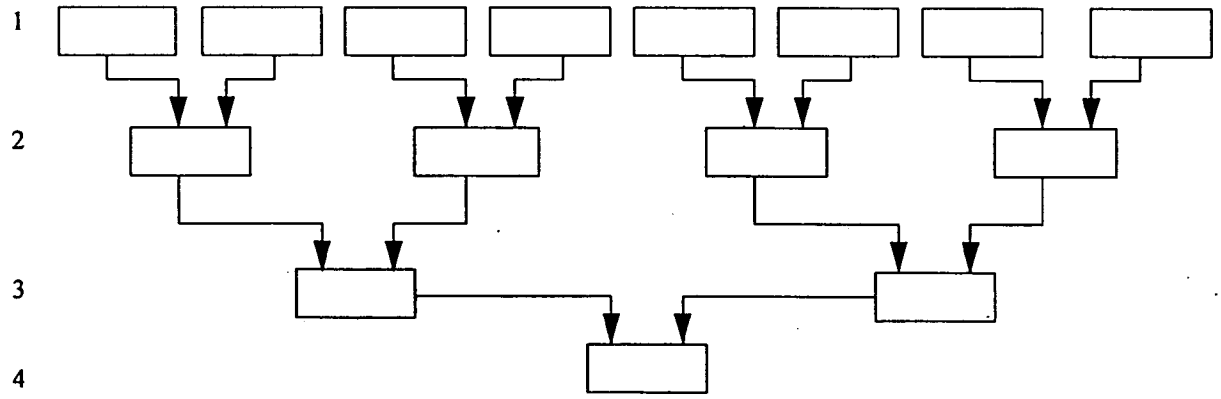

Fig. 12

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